Flight-Testing Newton's Laws			
2008 Mathematics			
Grade Level Articulations			
Arizona Mathematics			
Grades 9-10			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	AZ	MA.9-10.3.2.PO 2	Determine if a relationship represented by an equation, graph, table, description, or set of ordered pairs is a function.
Session-10 (1-5)	AZ	MA.9-10.3.2.PO 4	Use equations, graphs, tables, descriptions, or sets of ordered pairs to express a relationship between two variables.
Session-8 (1-9)	AZ	MA.9-10.3.4.PO 1	Determine the slope and intercepts of the graph of a linear function, interpreting slope as a constant rate of change.

Flight-Testing Newton's Laws			
2008 Mathematics			
Grade Level Articulations			

Arizona Mathematics			
Grades 11-12			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	AZ	MA.11-12.1.1.PO 1	Solve problems and equations that require the number system to be extended from real to complex numbers.
Session-9 (1-7)	AZ	MA.11-12.2.2.PO 1	Apply probability concepts to calculate the probability of events and to make informed decisions in practical situations.
Session-9 (1-7)	AZ	MA.11-12.3.1.PO 1.a	Analyze sequences and series and use them in modeling, including explicit formulas for nth terms,
Session-9 (1-7)	AZ	MA.11-12.3.1.PO 2	Apply recursive formulas for arithmetic and geometric sequences to solve problems.